GAS COOKTOP INSTALLATION INSTRUCTIONS

INSTALLATION AND SERVICE MUST BE PERFORMED BY A QUALIFIED INSTALLER.
IMPORTANT: SAVE FOR LOCAL ELECTRICAL INSPECTOR'S USE.
READ AND SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

⚠ WARNING If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

FOR YOUR SAFETY:

— Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

— WHAT TO DO IF YOU SMELL GAS:

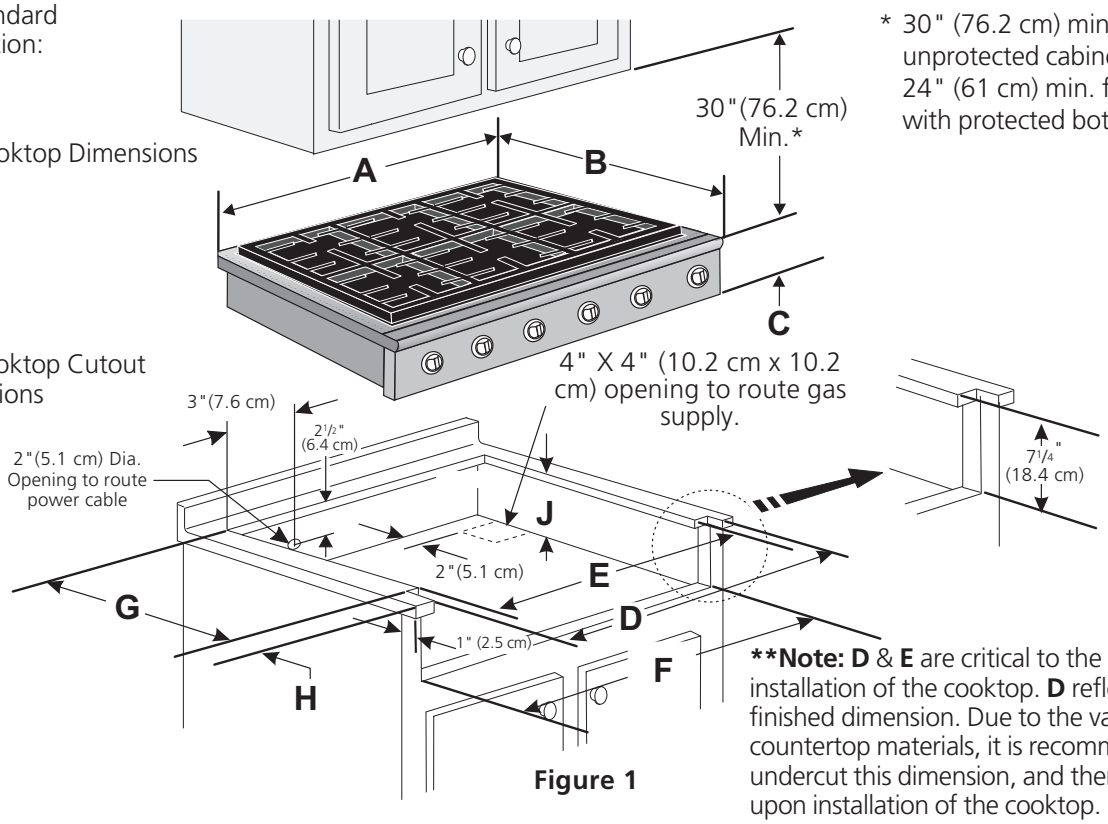
- **Do not try to light any appliance.**
- **Do not touch any electrical switch; do not use any phone in your building.**
- **Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier, call the fire department.**

— Installation and service must be performed by a qualified installer, service agency or the gas supplier.

For Standard Installation:

Gas Cooktop Dimensions

Gas Cooktop Cutout Dimensions



* 30" (76.2 cm) min. for unprotected cabinet and 24" (61 cm) min. for cabinet with protected bottom surface.

Figure 1

****Note: D** & **E** are critical to the proper installation of the cooktop. **D** reflects the finished dimension. Due to the variation in countertop materials, it is recommended to first undercut this dimension, and then adjust it upon installation of the cooktop.

MODEL	A. LENGTH	B. WIDTH	C. DEPTH	CUTOUT DIMENSIONS					J. DEPTH BELOW
				LENGTH			WIDTH	COOKTOP	
				D**	E**	F	G	H	
36 (91.4)	35 7/8 (91.1)	25 (63.5)	7¾ (19.7)	35 15/16 (91.3)	35 3/16 (89.4)	35 1/8 (89.2)	22 (55.9)	1 1/8 (2.9) Max.	7 1/2 (19.1)
30 (76.2)	29 7/8 (75.9)	25 (63.5)	7¾ (19.7)	29 15/16 (76)	29 3/16 (74.1)	29 1/8 (74)	22 (55.9)	1 1/8 (2.9) Max.	7 1/2 (19.1)

All dimensions are stated in inches and (cm).

NOTE: Wiring diagrams for this cooktop are enclosed in this booklet

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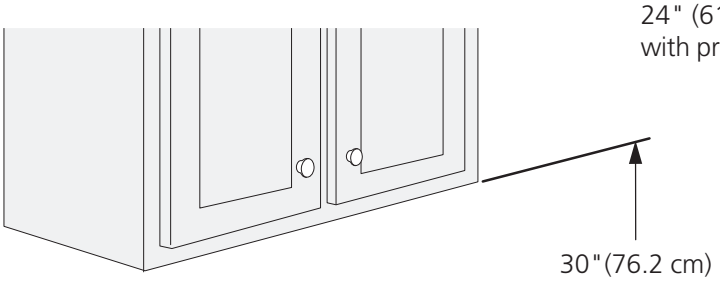
GAS COOKTOP INSTALLATION INSTRUCTIONS

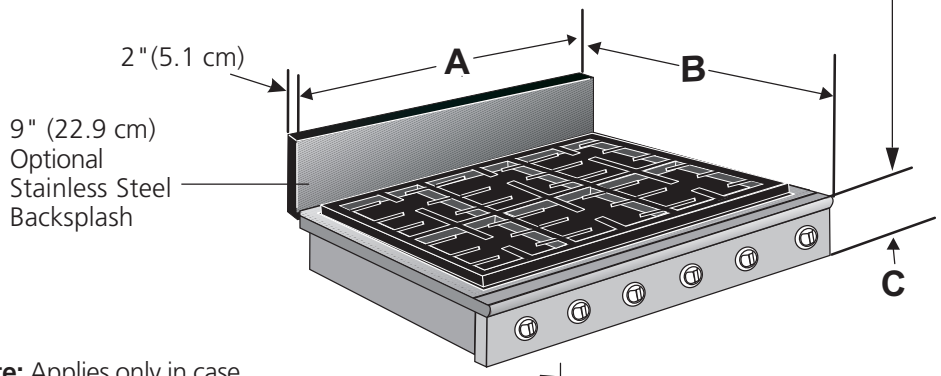
For Installation with the optional Stainless Steel Backsplash.

* 30" (76.2 cm) min. for unprotected cabinet and 24" (61 cm) min. for cabinet with protected bottom surface.

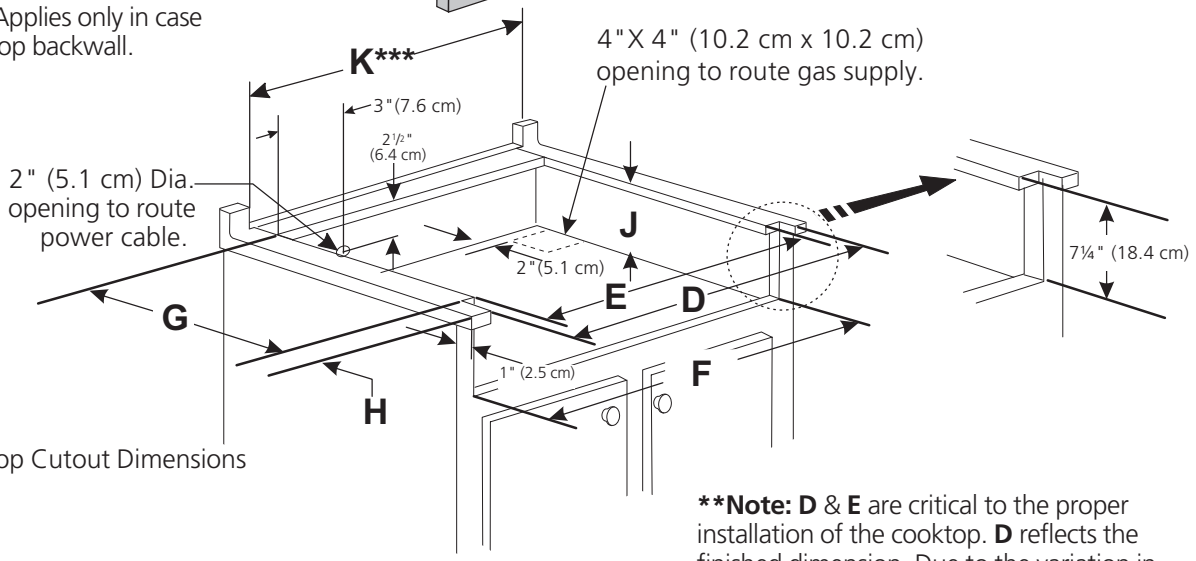


30"(76.2 cm) Min.*

Gas Cooktop Dimensions



***Note:** Applies only in case of countertop backwall.



Gas Cooktop Cutout Dimensions

Do not slide unit into cabinet cutout. Protruding screws on the bottom of unit may damage the bottom front finish.

Figure 2

****Note: D** & **E** are critical to the proper installation of the cooktop. **D** reflects the finished dimension. Due to the variation in countertop materials, it is recommended to first undercut this dimension, and then adjust it upon installation of the cooktop.

MODEL	A. LENGTH	B. WIDTH	C. DEPTH	CUTOUT DIMENSIONS					J. DEPTH BELOW COOKTOP	K. COUNTERTOP BACKWALL CUTOUT
				LENGTH			WIDTH			
				D**	E**	F	G	H		
36 (91.4)	35 7/8 (91.1)	25 (63.5)	7¾ (19.7)	35 15/16 (91.3)	35 3/16 (89.4)	35 1/8 (89.2)	22 (55.9)	1 1/8 (2.9) Max.	7½ (19.1)	35 15/16 (91.3)
30 (76.2)	29 7/8 (75.9)	25 (63.5)	7¾ (19.7)	29 15/16 (76)	29 3/16 (74.1)	29 1/8 (74)	22 (55.9)	1 1/8 (2.9) Max.	7½ (19.1)	29 15/16 (76)

All dimensions are stated in inches and (cm).

Important Notes to the Installer

1. Read all instructions contained in these installation instructions before installing the cooktop.
2. Remove all packing material before connecting the electrical supply to the cooktop.
3. Observe all governing codes and ordinances.
4. Be sure to leave these instructions with the consumer.
5. Note: For operation at 2000 ft. elevations above see level, appliance rating shall be reduced by 4 percent for each additional 1000 ft.

Important Note to the Consumer

Keep these instructions with your Use and Care Guide for future reference.

Depth Adjustment Filler Kit

This cooktop is designed to replace existing unit. If the depth of your countertop opening is bigger than 7¼" (18.4 cm) and less than 8½" (21.6 cm) you can order a free filler kit by calling Service Center at 1-877-4ELECTROLUX (1-877-435-3287).
For 36" model : #903051-9010
For 30" model : #903051-9100

Optional Items Available:

- A 9" (22.9 cm) Stainless Steel Backsplash Kit #903048-9010 for 36" model or #903048-9100 for 30" model.
- A Black Knobs Kit #903049-9120 for 36" model or #903049-9110 for 30" model.

Those kits can be order through the Service Center at 1-877-4ELECTROLUX (1-877-435-3287). However all cost related to those kits will be at customer charges.

IMPORTANT SAFETY INSTRUCTIONS

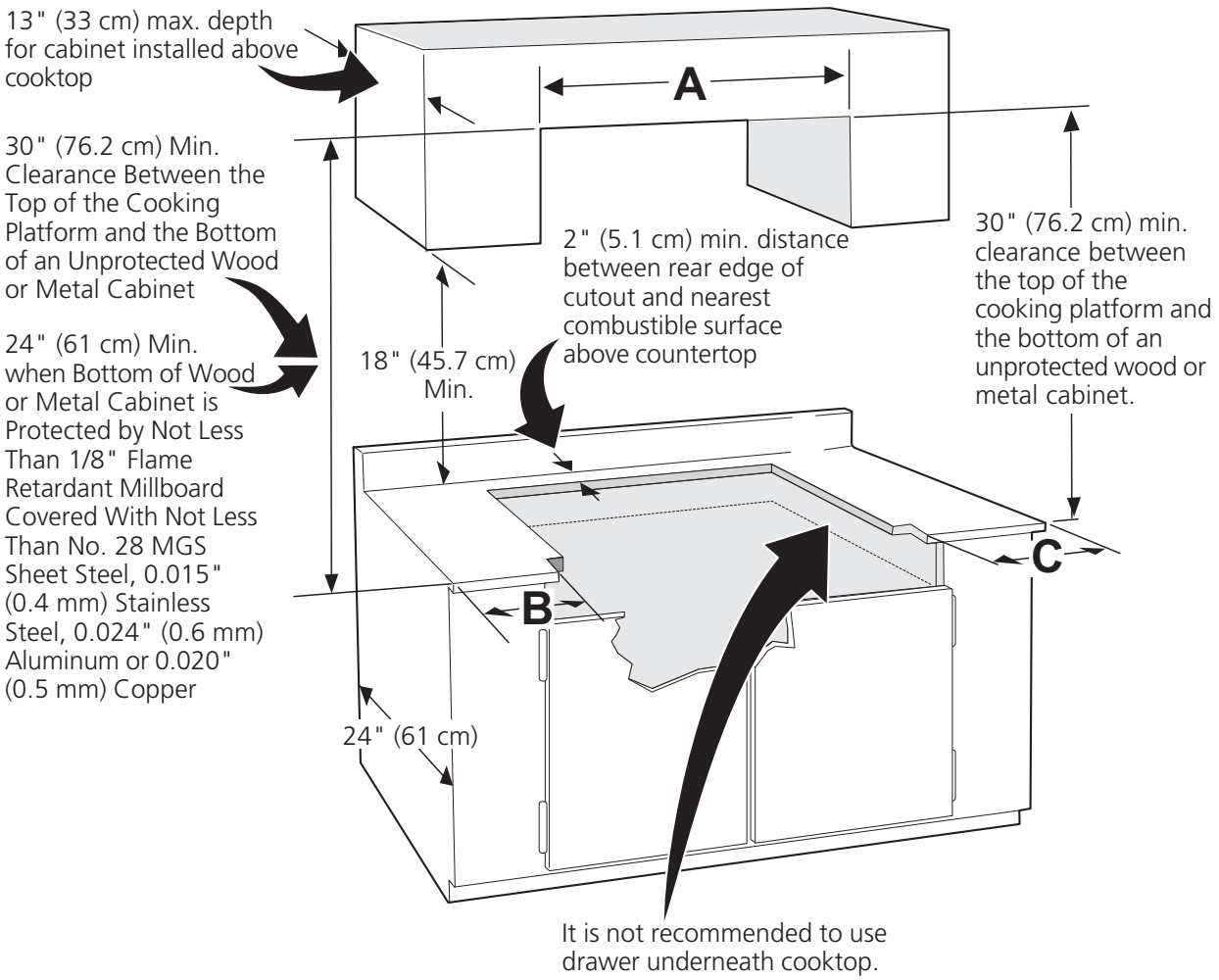
Installation of this cooktop must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code ANSI Z223.1/NFPA54—latest edition in the United States, or in Canada, with the Canadian Fuel Gas Code, CAN/CGA B149 and CAN/CGA B149.2.

- When installed in a manufactured (mobile) home installation must conform with the Manufactured Home Construction and Safety Standard, title 24 CFR, part 3280 [Formerly the Federal Standard for Mobile Home Construction and Safety, title 24, HUD (part 280)] or, when such standard is not applicable, the Standard for Manufactured Home Installation, ANSI/NCSBCS A225.1 or with local codes where applicable.

This cooktop has been design certified by CSA International. As with any appliance using gas and generating heat, there are certain safety precautions you should follow. You will find them in the **Use and Care Guide**, read it carefully.

- **Be sure your cooktop is installed and grounded properly by a qualified installer or service technician.**
- **This cooktop must be electrically grounded in accordance with local codes or, in their absence, with the National Electrical Code ANSI/NFPA No. 70—latest edition in the United States, or in Canada, with the Canadian Electrical Code, CSA C22.1 Part 1.**
- **The burners can be lit manually during an electrical power outage. To light a burner, hold a lit match to the burner head, then slowly turn the Surface Control knob to LITE. Use caution when lighting burners manually.**
- **Do not store items of interest to children in cabinets above the cooktop.** Children could be seriously burned climbing on the cooktop to reach items.
- **To eliminate the need to reach over the surface burners, cabinet storage space above the burners should be avoided.**
- **Adjust surface burner flame size so it does not extend beyond the edge of the cooking utensil.** Excessive flame is hazardous.
- **Never use your cooktop for warming or heating the room.** Prolonged use of the cooktop without adequate ventilation can be hazardous.
- **Do not store or use gasoline or other flammable vapors and liquids near this or any other appliance.** Explosions or fires could result.

⚠ WARNING The electrical power to the cooktop must be shut off while gas line connections are being made. Failure to do so could result in serious injury or death.


13" (33 cm) max. depth for cabinet installed above cooktop
30" (76.2 cm) Min. Clearance Between the Top of the Cooking Platform and the Bottom of an Unprotected Wood or Metal Cabinet
24" (61 cm) Min. when Bottom of Wood or Metal Cabinet is Protected by Not Less Than 1/8" Flame Retardant Millboard Covered With Not Less Than No. 28 MGS Sheet Steel, 0.015" (0.4 mm) Stainless Steel, 0.024" (0.6 mm) Aluminum or 0.020" (0.5 mm) Copper
A
2" (5.1 cm) min. distance between rear edge of cutout and nearest combustible surface above countertop
30" (76.2 cm) min. clearance between the top of the cooking platform and the bottom of an unprotected wood or metal cabinet.
18" (45.7 cm) Min.
B
C
24" (61 cm)
It is not recommended to use drawer underneath cooktop.

CAUTION To eliminate the risk of burns or fire from reaching over heated surfaces, cabinet storage space located above the cooktop should be avoided. If cabinet storage is provided, risk can be reduced by installing a range hood that projects horizontally a minimum of 7" (17.8 cm) beyond the bottom of the cabinets.

MODEL	A	B. Minimum Clearance from Left Side	C. Minimum Clearance from Right Side
36" (91.4 cm)	36" (91.4 cm)	9" (22.9 cm)	9" (22.9 cm)
30" (76.2 cm)	30" (76.2 cm)	5" (12.7 cm)	5" (12.7 cm)

Figure 3 – CABINET DESIGN

Wall Outlet Location

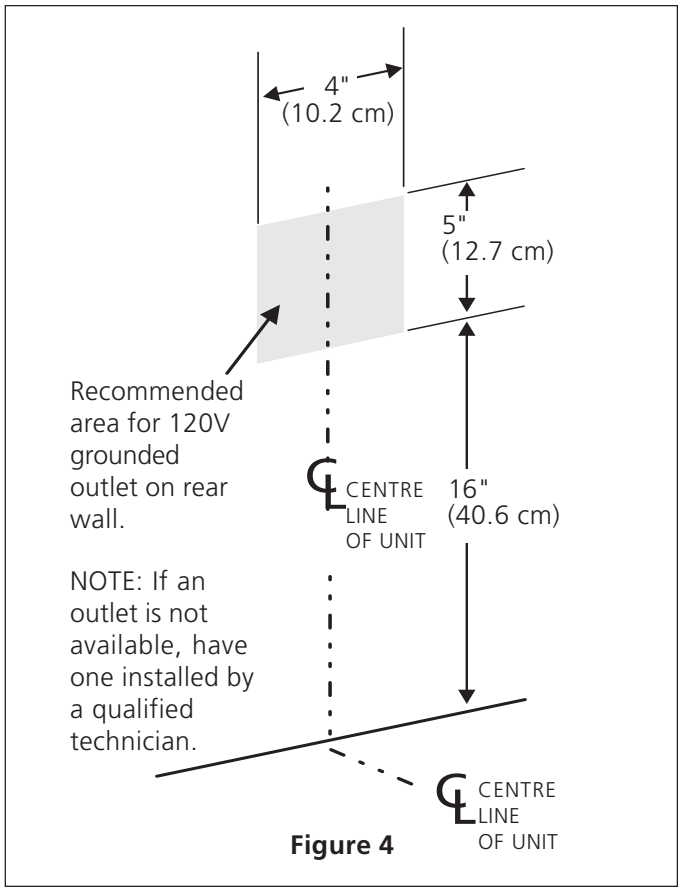

4"
(10.2 cm)
5"
(12.7 cm)
Recommended area for 120V grounded outlet on rear wall.
CENTRE LINE OF UNIT
16"
(40.6 cm)
NOTE: If an outlet is not available, have one installed by a qualified technician.
CENTRE LINE OF UNIT

Figure 4

Provide an Adequate Gas Supply

This cooktop is designed to operate on natural gas at 4" (10.2 cm) of manifold pressure only.

A pressure regulator is connected in series with the manifold on the cooktop and must remain in series with the supply line.

For proper operation, the maximum inlet pressure to the regulator must be no more than 14" (35.6 cm) of water column (W.C.) pressure.

For checking the regulator, the inlet pressure must be at least 1"(2.5 cm) (or 2.5 kPa) greater than the regulator manifold pressure setting. The regulator is set for 4" (10.2 cm) of manifold pressure, the inlet pressure must be at least 5" (12.7 cm).

The gas supply line to the range should be 1/2" (1.3 cm) or 3/4" (1.9 cm) pipe.

LP/Propane Gas Conversion

This appliance can be used with Natural gas or LP/Propane gas. It is shipped from the factory for use with natural gas.

A kit for converting to LP gas is supplied with your cooktop. The kit is marked "FOR LP/PROPANE GAS CONVERSION".

The conversion must be performed by a qualified service technician in accordance with the kit instructions and all local codes and requirements. Failure to follow instructions could result in serious injury or property damage. The qualified agency performing this work assumes responsibility for the conversion.

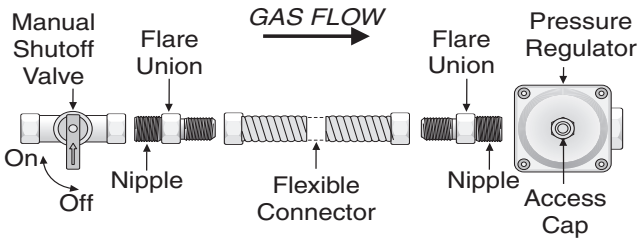
⚠WARNING Failure to make the appropriate conversion can result in serious personal injury and property damage.

Important: Remove all packing material and literature from cooktop before connecting gas and electrical supply to cooktop.

Install Pressure Regulator

Install the pressure regulator with the arrow on the regulator pointing up toward the unit in a position where you can reach the access cap.

⚠WARNING Do not make the connection too tight. The regulator is die cast. Overtightening may crack the regulator resulting in a gas leak and possible fire or explosion.



All connections must be wrench-tightened

Figure 5

Assemble the flexible connector from the gas supply pipe to the pressure regulator in the following order:

1. manual shutoff valve
2. 1/2" (1.3 cm) nipple
3. 1/2" (1.3 cm) flare union adapter
4. flexible connector
5. 1/2" (1.3 cm) flare union adapter
6. 1/2" (1.3 cm) nipple
7. pressure regulator

Use pipe-joint compound made for use with Natural and LP/Propane gas to seal all gas connections. If flexible connectors are used, be certain connectors are not kinked.

The supply line should be equipped with an approved shutoff valve. This valve should be located in the same room as the cooktop and should be in a location that allows ease of opening and closing. Do not block access to the shutoff valve. The valve is for turning on or shutting off gas to the appliance.

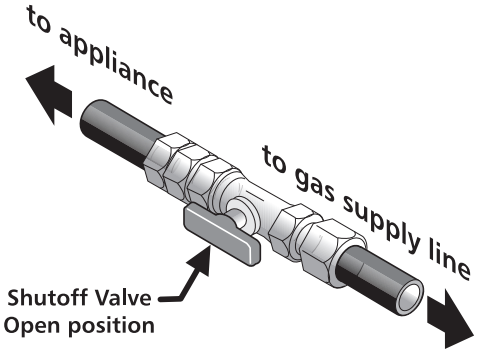


Figure 6

Once the regulator is in place, open the shutoff valve in the gas supply line. Wait a few minutes for gas to move through the gas line.

Check for leaks. After connecting the cooktop to the gas supply, check the system for leaks with a manometer. If a manometer is not available, turn on the gas supply and use a liquid leak detector (or soap and water) at all joints and connections to check for leaks.

⚠ WARNING Do not use a flame to check for leaks from gas connections. Checking for leaks with a flame may result in a fire or explosion.

Tighten all connections if necessary to prevent gas leakage in the cooktop or supply line.

Check alignment of control knob valves after connecting the cooktop to the gas supply to be sure the cooktop manifold pipe has not moved. A misalignment could cause the valve stems to rub on the control panel, resulting in a gas leak at the valve.

Disconnect this cooktop and its individual shutoff valve from the gas supply piping system during any pressure testing of that system at test pressures greater than 1/2 psig (3.5 kPa or 14" (35.6 cm) water column).

Isolate the cooktop from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig (3.5 kPa or 14" (35.6 cm) water column).

Electrical Requirements

120 volt, 60 Hertz, properly grounded branch circuit protected by a 15 amp circuit breaker or time delay fuse. **Do not use an extension cord with this cooktop.**

Grounding Instructions

IMPORTANT Please read carefully.

For personal safety, this appliance must be properly grounded.

The power cord of this appliance is equipped with a 3-prong (grounding) plug which mates with a standard 3-prong grounding wall receptacle (see Figure 7) to minimize the possibility of electric shock hazard from the appliance.

The wall receptacle and circuit should be checked by a qualified electrician to make sure the receptacle is properly grounded.

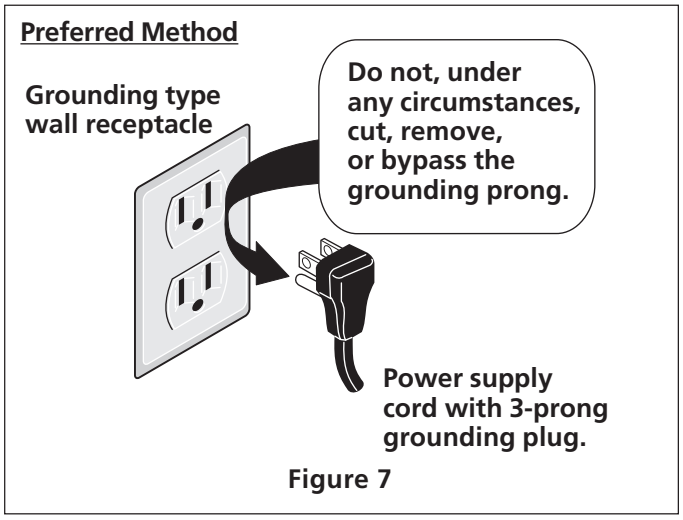

Preferred Method
Grounding type wall receptacle
Do not, under any circumstances, cut, remove, or bypass the grounding prong.
Power supply cord with 3-prong grounding plug.

Figure 7

Where a standard 2-prong wall receptacle is installed, it is the personal responsibility and obligation of the consumer to have it replaced by a properly grounded 3-prong wall receptacle.

Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.

⚠ WARNING Disconnect electrical supply cord from wall receptacle before servicing cooktop.

Cooktop Installation

1. Visually inspect the cooktop for damage.
2. If you are installing the optional Stainless Steel backsplash, first fix it at the back of the cooktop using the screws supplied with the kit and follow the instructions attached.
3. Set the cooktop into the countertop cutout.

NOTE: Do not use caulking compound; cooktop should be removable for service when needed.

Check Operation

Refer to the **Use and Care Guide** packaged with the cooktop for operating instructions and for care and cleaning of your cooktop.

⚠ CAUTION Do not touch the burners. They may be hot enough to cause burns.

1. Burner Bases and Burner Caps

This range is equipped with sealed burners as shown (Figure 8). All pieces are at their place. Take note where they are. **Remove all packaging material located under the Dual Surface burner head.** Make sure the burner is properly aligned and leveled.

NOTE: There are no burner adjustments necessary on this range.

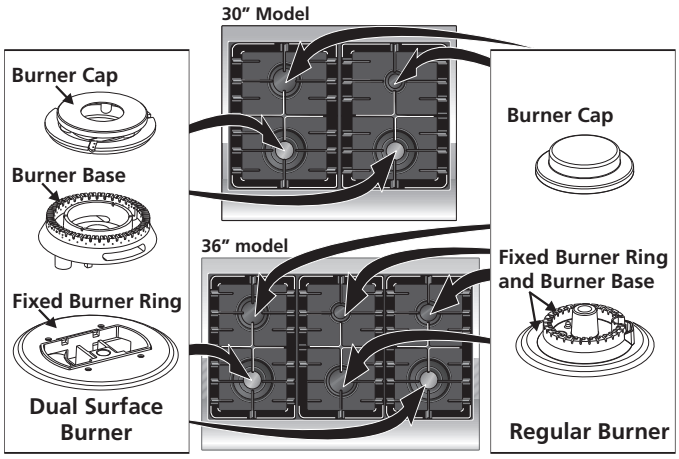


Figure 8

2. Turn on Electrical Power and Open Main Shutoff Gas Valve

3. Check the Igniters

Operation of electric igniters should be checked after range and supply line connectors have been carefully checked for leaks and range has been connected to electric power. To check for proper lighting:

a. Push in and turn a surface burner knob to the LITE position. All electronic surface ignitors will spark at the same time. However, only the burner you are turning on will ignite.
b. The surface burner should light once the flow of gas reached the surface burner. Each burner should light within four (4) seconds in normal operation after air has been purged from supply lines. Visually check that burner has lit.
c. Once the burner lights, the control knob should be rotated out of the LITE position.

There are separate ignition devices for each burner. Try each knob separately until all burner valves have been checked.

4. Adjust the "LOW" Setting of Regular Burner (see figure 8) on the Surface Burner Valves (Figure 9):

a. Push in and turn control to LITE until burner ignites.
b. **Quickly** turn knob to LOWEST POSITION.
c. If burner goes out, reset control to OFF.
d. Remove the surface burner control knob and decorative ring.
e. Insert a thin-bladed screwdriver into the hollow valve stem and engage the slotted screw inside. Flame size can be increased or decreased by turning the screw. Turn counterclockwise to increase flame size. Turn clockwise to decrease flame size. Adjust flame until you can quickly turn knob from LITE to LOWEST POSITION without extinguishing the flame. Flame should be as small as possible without going out.

Note: Air mixture adjustment is not required on surface burners.

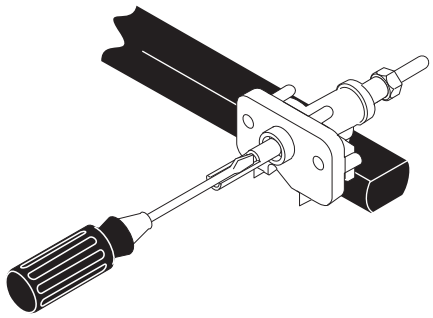


Figure 9

5. Adjust the "LOW" Setting of the Dual Burner (see Figure 8) on the Surface Burner Valve (Figure 10):
Note: On the dual valve the low setting of each portion (rear portion of bridge burner and the center portion of bridge burner) should be adjusted individually.

a. Push in and turn control to LITE until the rear portion of the bridge burner ignites only.
b. **Quickly** turn knob to LOWEST POSITION.
c. If burner goes out, reset control to OFF.
d. Remove the surface burner control knob.
e. The inner portion of the dual burner flame size can be increased or decreased by turning screw **A** (see Figure 19). Use screw **B** to adjust the flame size of the outer portion of the dual burner. Turn counterclockwise the screw to increase flame size. Turn clockwise the screw to decrease flame size. Adjust flame until you can quickly turn knob from LITE to LOWEST POSITION without extinguishing the flame. Flame should be as small as possible without going out.

Note: Air mixture adjustment is not required on surface burners.

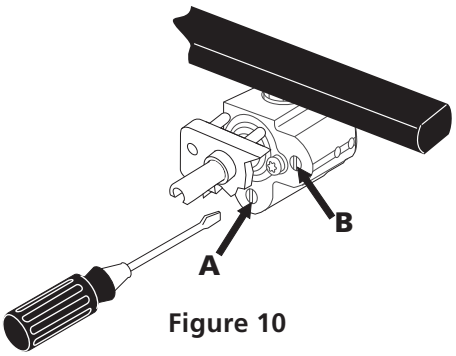


Figure 10

When All Hookups are Complete

Make sure all controls are left in the OFF position.

Before You Call for Service

Read the Before You Call for Service Checklist and operating instructions in your **Use and Care Guide**. It may save you time and expense. The list includes common occurrences that are not the result of defective workmanship or materials in this appliance.

Refer to your **Use and Care Guide** for Electrolux Service phone numbers, or call **1-877-4ELECTROLUX (1-877-435-3287)**.